

10/048,185

FILE 'AGRICOLA' ENTERED AT 09:17:40 ON 08 SEP 2005

FILE 'CABA' ENTERED AT 09:17:40 ON 08 SEP 2005
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FILE 'BIOSIS' ENTERED AT 09:17:40 ON 08 SEP 2005
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=> S (ISOTRANGENIC OR TRANSGEN?) AND (PLANT OR PLANTS)
L1 53432 (ISOTRANGENIC OR TRANSGEN?) AND (PLANT OR PLANTS)

=> S RECALCITRANT AND TRANSFORM?
L2 546 RECALCITRANT AND TRANSFORM?

=> S TRANSFORM?(5A)(HYBRID(5A)PLANT?)
L3 31 TRANSFORM?(5A)(HYBRID(5A) PLANT?)

=> S (T-DNA OR T(W)DNA)
L4 6331 (T-DNA OR T(W) DNA)

=> S BACKCROSS?
L5 23673 BACKCROSS?

=> S PEREZ P/AU
L6 413 PEREZ P/AU

=> S GARCIA D/AU
L7 391 GARCIA D/AU

=> S L1 AND L2
L8 187 L1 AND L2

=> S L8 AND L3
L9 0 L8 AND L3

=> S L8 AND L4
L10 36 L8 AND L4

=> S L10 AND L5
L11 1 L10 AND L5

=> S L8 AND L6
L12 0 L8 AND L6

=> S L8 AND L7
L13 0 L8 AND L7

=> S L1 AND L6
L14 11 L1 AND L6

=> S L1 AND L7
L15 0 L1 AND L7

=> D L11 TI SO AU

L11 ANSWER 1 OF 1 CABA COPYRIGHT 2005 CABI on STN
TI Germ-line ***transformation*** of *Arabidopsis lasiocarpa*.
SO Transgenic Research, (2001) Vol. 10, No. 3, pp. 259-267. 22 ref.
Publisher: Kluwer Academic Publishers.
ISSN: 0962-8819
AU Tague, B. W.

L16 ANSWER 1 OF 22 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 1
TI *Agrobacterium*-mediated ***transformation*** of chickpea (*Cicer arietinum* L.) with *Bacillus thuringiensis* cry1Ac gene for resistance against pod borer insect *Helicoverpa armigera*.
SO Plant Science, (2005) Vol. 168, No. 4, pp. 1135-1146. 47 ref. Publisher: Elsevier.
ISSN: 0168-9452

URL: <http://www.sciencedirect.com/science/journal/01689452>

AU Indraneel Sanyal; Singh, A. K.; Meetu Kaushik; Amla, D. V.; Sanyal, I.; Kaushik, M.

L16 ANSWER 2 OF 22 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 2
TI Production of ***transgenic*** indica rice resistant to yellow stem borer and sap-sucking insects, using super-binary vectors of *Agrobacterium tumefaciens*.

SO Plant Science, (2004) Vol. 166, No. 4, pp. 1077-1085. 36 ref. Publisher: Elsevier Science Ltd.

ISSN: 0168-9452

DOI: 10.1016/j.plantsci.2003.12.028

AU Ramesh, S.; Nagadhara, D.; Reddy, V. D.; Rao, K. V.

L16 ANSWER 3 OF 22 CABA COPYRIGHT 2005 CABI on STN
TI *Agrobacterium*-mediated ***transformation*** of 'Kirkagac 637' a ***recalcitrant*** melon (*Cucumis melo* L.) cultivar with ZYMV coat protein encoding gene.

SO European Journal of Horticultural Science, (2004) Vol. 69, No. 6, pp. 258-262. 27 ref. Publisher: Verlag Eugen Ulmer GmbH.

ISSN: 1611-4434

AU Yalcin-Mendi, N. Y.; Ipek, M.; Serbest-Kobaner, S.; Curuk, S.; Kacar, Y. A.; Cetiner, S.; Gaba, V.; Grumet, R.

L16 ANSWER 4 OF 22 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 3
TI Centrifugation assisted *Agrobacterium tumefaciens*-mediated ***Transformation*** (CAAT) of embryogenic cell suspensions of banana (*Musa* spp. Cavendish AAA and Lady Finger AAB).

SO Molecular Breeding, (2004) Vol. 14, No. 3, pp. 239-252. 24 ref. Publisher: Kluwer Academic Publishers.

ISSN: 1380-3743

DOI: 10.1023/B:MOLB.0000047771.34186.e8

AU Khanna, H.; Becker, D.; Kleidon, J.; Dale, J.

L16 ANSWER 5 OF 22 CABA COPYRIGHT 2005 CABI on STN
TI *Agrobacterium*-mediated ***transformation*** of two high oleic sunflower (*Helianthus annuus* L.) genotypes: assessment and optimization of important parameters.

SO Helia, (2004) Vol. 27, No. 40, pp. 25-40. 42 ref. Publisher: Institute of Field and Vegetable Crops, Oil Crops Department, University of Novi Sad. Price: Journal article; Conference paper . Meeting Info.: SUNBIO2003.

Proceedings of the Sixth European Conference on Sunflower Biotechnology, Seville, Spain, 5-9 October 2003.

ISSN: 1018-1806

AU Mohamed, S.; Boehm, R.; Binsfeld, P. C.; Schnabl, H.

L16 ANSWER 6 OF 22 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 4

TI Factors influencing successful *Agrobacterium*-mediated genetic ***transformation*** of wheat.

SO Plant cell reports, Mar 2003. Vol. 21, No. 7. p. 659-668

Publisher: Berlin : Springer-Verlag.

CODEN: PCRPD8; ISSN: 0721-7714

AU Wu, H.; Sparks, C.; Amoah, B.; Jones, H.D.

L16 ANSWER 7 OF 22 CABA COPYRIGHT 2005 CABI on STN
TI A rapid assay for gene expression in cotton cells ***transformed*** by oncogenic *Agrobacterium* strains
Special issue: *Bacillus thuringiensis*. A cornerstone of modern agriculture, part II..

SO Journal of New Seeds, (2003) Vol. 5, No. 2/3, pp. 179-192. 19 ref.

Publisher: Food Products Press.

ISSN: 1522-886X

AU Rajasekaran, K.

L16 ANSWER 8 OF 22 CABA COPYRIGHT 2005 CABI on STN
TI Improving ***plant*** genetic engineering by manipulating the host.

SO Trends in Biotechnology, (2003) Vol. 21, No. 3, pp. 95-98. 20 ref.

Publisher: Elsevier.

ISSN: 0167-7799

URL: [http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TCW-](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TCW-47RB3CK-3&_user=3796239&_handle=V-WA-A-W-AA-MsSAYVA-UUW-U-AAWBZ)

[47RB3CK-3&_user=3796239&_handle=V-WA-A-W-AA-MsSAYVA-UUW-U-AAWBZ](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TCW-47RB3CK-3&_user=3796239&_handle=V-WA-A-W-AA-MsSAYVA-UUW-U-AAWBZ)

- AAWAWBVCWE-WAYYBUDCV-AA-U&_fmt=summary&_coverDate=03%2F31%2F
orig=browse&_srch=%23toc%235181%232003%23999789996%23400701!&_cdi=!
w=c&_acct=C000000593&_version=1&_urlVersion=0&_userid=3796239&md5=e9e
7455273ad298c95ca7e80fe8
DOI: 10.1016/S0167-7799(03)00005-2
AU Gelvin, S. B.
- L16 ANSWER 9 OF 22 CABA COPYRIGHT 2005 CABI on STN
TI Germ-line ***transformation*** of *Arabidopsis lasiocarpa*.
SO Transgenic Research, (2001) Vol. 10, No. 3, pp. 259-267. 22 ref.
Publisher: Kluwer Academic Publishers.
ISSN: 0962-8819
AU Tague, B. W.
- L16 ANSWER 10 OF 22 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 5
TI *Agrobacterium tumefaciens*-mediated genetic ***transformation*** of
mungbean (*Vigna radiata* L. Wilczek) - a ***recalcitrant*** grain
legume.
SO Plant Science, (2001) Vol. 161, No. 2, pp. 239-247. 26 ref. Publisher:
Elsevier Science Ltd.
ISSN: 0168-9452
AU Jaiwal, P. K.; Ragini Kumari; Ignacimuthu, S.; Ingo Potrykus; Sautter, C.;
Kumari, R.; Potrykus, I.
- L16 ANSWER 11 OF 22 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation o
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TI Competence of *Arabidopsis thaliana* genotypes and mutants for *Agrobacterium*
tumefaciens-mediated gene transfer: Role of phytohormones.
SO Journal of Experimental Botany, (December, 2000) Vol. 51, No. 353, pp.
1961-1968. print.
CODEN: JEBOA6. ISSN: 0022-0957.
AU Chateau, Sophie; Sangwan, Rajbir S.; Sangwan-Norreel, Brigitte S. [Reprint
author]
- L16 ANSWER 12 OF 22 CABA COPYRIGHT 2005 CABI on STN
TI *Agrobacterium tumefaciens* versus biolistic-mediated ***transformation***
of the chrysanthemum cvs. Polaris and Golden Polaris with nucleocapsid
protein genes of three tospovirus species.
SO Acta Horticulturae, (1999) No. 482, pp. 209-218. 27 ref. Price: Conference
paper; Journal article . Meeting Info.: Proceedings of the International
Symposium on Cut Flowers in the Tropics, Bogota, Colombia, 14-17 October
1997.
ISSN: 0567-7572; ISBN: 90-6605-821-8
AU Yepes, L. M.; Mittak, V.; Slightom, J. L.; Pang, S. Z.; Gonsalves, D.;
Fischer, G. [EDITOR]; Angarita, A. [EDITOR]
- L16 ANSWER 13 OF 22 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 6
TI *Agrobacterium tumefaciens*-mediated ***transformation*** of *Eucalyptus*
camaldulensis and production of ***transgenic*** ***plants*** .
SO Plant cell reports, June 1998. Vol. 17, No. 9. p. 675-680
Publisher: Berlin, W. Ger. : Springer International.
CODEN: PCRPD8; ISSN: 0721-7714
AU Ho, C.K.; Chang, S.H.; Tsay, J.Y.; Tsai, C.J.; Chiang, V.L.; Chen, Z.Z.
- L16 ANSWER 14 OF 22 CABA COPYRIGHT 2005 CABI on STN
TI *Agrobacterium tumefaciens*: a natural tool for ***plant***
transformation .
SO EJB, Electronic Journal of Biotechnology, (1998) Vol. 1, No. 3, pp. 1-18.
many ref. Publisher: Universidad Catolica de Valparaiso.
ISSN: 0717-3458
URL: <http://www.ejb.org/content/vol1/issue3/full/1/index.html>
AU Riva, G. A. de la; Gonzalez-Cabrera, J.; Vazquez-Padron, R.; Ayra-Pardo,
C.; de la Riva, G. A.
- L16 ANSWER 15 OF 22 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 7
TI Matrix attachment regions (MARs) enhance ***transformation***
frequency and ***transgene*** expression in poplar.
SO Transgenic Research, (1997) Vol. 6, No. 6, pp. 415-420. 22 ref.
ISSN: 0962-8819
AU Han KyungHwan; Ma CaiPing; Strauss, S. H.; Han, K. H.; Ma, C. P.

L16 ANSWER 16 OF 22 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 8

TI Role of the host cell cycle in the Agrobacterium-mediated genetic
transformation of Petunia: evidence of an S-phase control
mechanism for ***T*** - ***DNA*** transfer.

SO Planta, 1997. Vol. 201, No. 2. p. 160-172
Publisher: Berlin ; New York : Springer-Verlag, 1925-
CODEN: PLANAB; ISSN: 0032-0935

AU Villemont, E.; Dubois, F.; Sangwan, R.S.; Vasseur, G.; Bourgeois, Y.;
Sangwan-Norreel, B.S.

L16 ANSWER 17 OF 22 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation o
STN

TI ***Transformation*** of cauliflower (Brassica oleracea var. botrytis)
by transfer of cauliflower mosaic virus genes through combined
cocultivation with virulent and avirulent strains of Agrobacterium.

SO Plant Science (Shannon), (1996) Vol. 113, No. 1, pp. 79-89.
CODEN: PLSCE4. ISSN: 0168-9452.

AU Passelegue, Eugenie [Reprint author]; Kerlan, Camille

L16 ANSWER 18 OF 22 CABA COPYRIGHT 2005 CABI on STN

TI Rol genes and root initiation and development.

SO Plant and Soil, (1996) Vol. 187, No. 1, pp. 47-55. 61 ref. Price:
Conference paper; Journal article . Meeting Info.: Selected papers of the
14th Long Ashton International Symposium, Plant roots - from cells to
system, held in Bristol, UK, 13-15 September 1995.
ISSN: 0032-079X

AU Chriqui, D.; Guivarc'h, A.; Dewitte, W.; Prinsen, E.; Onckelen, H. van;
Van Onckelen, H.; Anderson, H. M. [EDITOR]; Barlow, P. W. [EDITOR];
Clarkson, D. T. [EDITOR]; Shewry, P. R. [EDITOR]

L16 ANSWER 19 OF 22 CABA COPYRIGHT 2005 CABI on STN

TI Factors influencing gene expression and ***T*** - ***DNA*** transfer
in Agrobacterium tumefaciens-mediated ***transformation*** of rice.

SO Philippine Journal of Crop Science, (1996) Vol. 21, No. 1/2, pp. 1-9. 29
ref.
ISSN: 0115-463X

AU Aldemita, R. R.

L16 ANSWER 20 OF 22 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 9

TI In planta ***transformation*** of Arabidopsis thaliana.

SO Molecular & general genetics : MGG, Nov 1, 1994. Vol. 245, No. 3. p.
363-370
Publisher: Berlin, Germany : Springer Produktions-Gesellschaft.
CODEN: MGGEAE; ISSN: 0026-8925

AU Katavic, V.; Haughn, G.W.; Reed, D.; Martin, M.; Kunst, L.

L16 ANSWER 21 OF 22 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 10

TI Genetic engineering: an additional tool for ***plant*** improvement.

SO Agricultural Science in Finland, (1992) Vol. 1, No. 3, pp. 323-338. 7 pp.
ISSN: 0789-600X

AU Jain, S. M.; Oker-Blom, C.; Pehu, E.; Newton, R. J.

L16 ANSWER 22 OF 22 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 11

TI ***Transformation*** of a ***recalcitrant*** potato cultivar by an
Agrobacterium binary vector.

SO Acta Botanica Neerlandica, (1991) Vol. 40, No. 3, pp. 217-223. 23 ref.
ISSN: 0044-5983

AU Mlynarova, L.; Bauer, M.

L17 ANSWER 1 OF 8 CABA COPYRIGHT 2005 CABI on STN

TI Maternally expressed gene1 is a novel maize endosperm transfer
cell-specific gene with a maternal parent-of-origin pattern of expression.

SO Plant Cell, (2004) Vol. 16, No. 5, pp. 1288-1301. many ref. Publisher:
American Society of Plant Biologists.
ISSN: 1040-4651

DOI: 10.1105/tpc.019778

AU Gutierrez-Marcos, J. F.; Costa, L. M.; Biderre-Petit, C.; Khbaya, B.;
O'Sullivan, D. M.; Wormald, M.; ***Perez, P.*** ; Dickinson, H. G.

L17 ANSWER 2 OF 8 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 1

TI Improvement of drought tolerance in maize: towards the functional
validation of the Zm-Asr1 gene and increase of water use efficiency by
over-expressing C4-PEPC.

SO Biochimie, (2002) Vol. 84, No. 11, pp. 1127-1135. Publisher: Editions
Scientifiques et Medicales Elsevier SAS.

ISSN: 0300-9084

URL: [http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VRJ-47GHDS5-1&_user=10&_handle=W-WA-A-A-AC-MsSAYVW-UUA-AUCCVUBYUU.U&_fmt=summary&_coverDate=11%2F01%2F2002&_rdoc=10&_orig=browse&_src=c%236236%232002%23999159988%232854421&_cdi=6236&view=c&_acct=C000\(ersion=1&_urlVersion=0&_userid=10&md5=0a030c19dddb2f58a3961d823d8bffb](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VRJ-47GHDS5-1&_user=10&_handle=W-WA-A-A-AC-MsSAYVW-UUA-AUCCVUBYUU.U&_fmt=summary&_coverDate=11%2F01%2F2002&_rdoc=10&_orig=browse&_src=c%236236%232002%23999159988%232854421&_cdi=6236&view=c&_acct=C000(ersion=1&_urlVersion=0&_userid=10&md5=0a030c19dddb2f58a3961d823d8bffb)
DOI: 10.1016/S0300-9084(02)00024-X

AU Jeanneau, M.; Gerentes, D.; Foueillassar, X.; Zivy, M.; Vidal, J.; Toppan,
A.; ***Perez, P.***

L17 ANSWER 3 OF 8 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 2

TI Esr genes show different levels of expression in the same region of maize
endosperm.

SO Gene, Apr 4, 2000. Vol. 246, No. 1/2. p. 219-227

Publisher: Amsterdam : Elsevier Science.

CODEN: GENED6; ISSN: 0378-1119

AU Bonello, J.F.; Opsahl-Ferstad, H.G.; ***Perez, P.*** ; Dumas, C.;
Rogowsky, P.M.

L17 ANSWER 4 OF 8 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 3

TI A promoter identified in the 3' end of the Ac transposon can be activated
by cis-acting elements in ***transgenic*** Arabidopsis lines.

SO Plant molecular biology, Feb 1996. Vol. 30, No. 3. p. 539-551

Publisher: Dordrecht : Kluwer Academic Publishers.

CODEN: PMBIDB; ISSN: 0167-4412

AU Cocherel, S.; ***Perez, P.*** ; Degroote, F.; Genestier, S.; Picard, G.

L17 ANSWER 5 OF 8 CABA COPYRIGHT 2005 CABI on STN

TI Overexpression of Re1A in ***transgenic*** mouse thymocytes: specific
increase in levels of the inhibitor protein I[kappa]B[alpha].

SO Molecular and Cellular Biology, (1995) Vol. 15, No. 7, pp. 3523-3530. 74
ref.

ISSN: 0270-7306

AU ***Perez, P.*** ; Lira, S. A.; Bravo, R.

L17 ANSWER 6 OF 8 CABA COPYRIGHT 2005 CABI on STN

TI [Uses of knowledge of the Arabidopsis thaliana genome for the improvement
of cultivated species: the experience of a seed company researcher].

Applications de la connaissance du genome d'Arabidopsis thaliana a
l'amelioration des especes cultivees: l'experience d'un chercheur d'une
firme de production de semences.

SO Comptes Rendus de l'Academie d'Agriculture de France, (1994) Vol. 80, No.
6, pp. 75-83. 26 ref.

ISSN: 0989-6988

AU ***Perez, P.***

L17 ANSWER 7 OF 8 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on :

TI SCREENING AND CHARACTERIZATION OF MUTANTS IN AN ARABIDOPSIS-TI
TRANSPOSON TAGGED SEED COLLECTION.

SO Journal of Cellular Biochemistry Supplement, (1992) No. 16 PART F, pp.
214.

Meeting Info.: KEYSTONE SYMPOSIUM ON CROP IMPROVEMENT VIA BIOTECH
AN INTERNATIONAL PERSPECTIVE, KEYSTONE, COLORADO, USA, APRIL 10-
J CELL BIOCHEM SUPPL.

ISSN: 0733-1959.

AU BETZNER A [Reprint author]; ***PEREZ P*** ; GERENTES D; OAKES M; TUCK
W; HUTTNER E; CHAUDHURY A M; DENNIS E S

L17 ANSWER 8 OF 8 AGRICOLA Compiled and distributed by the National

Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.

(2005) on STN

TI Phleomycin resistance as a dominant selectable marker for ***plant*** cell transformation.

SO Plant molecular biology : an international journal on molecular biology, biochemistry and genetic engineering, Oct 1989. Vol. 13, No. 4. p. 365-373
Publisher: Dordrecht : Kluwer Academic Publishers.

ISSN: 0167-4412

AU ***Perez, P.*** ; Tiraby, G.; Kallerhoff, J.; Perret, J.

WEST Search History

10 | 048,185

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DB=PGPB,USPT,EPAB; THES=ASSIGNEE; PLUR=YES; OP=OR

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<input type="checkbox"/>	L2	RECALCITRANT AND TRANSFORM\$	1354
<input type="checkbox"/>	L3	TRANSFORM\$ NEAR5 (HYBRID NEAR5 PLANT\$)	277
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<input type="checkbox"/>	L6	RFLP	9165
<input type="checkbox"/>	L7	PASCUAL NEAR5 PEREZ.IN.	48
<input type="checkbox"/>	L8	DENISE NEAR5 GARCIA.IN.	5
<input type="checkbox"/>	L9	800/260,266,267,278,279,294,306,312,320,320.1,320.3,322.CCLS.	5762
<input type="checkbox"/>	L10	435/469.CCLS.	238
<input type="checkbox"/>	L11	L1 AND L2	898
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<input type="checkbox"/>	L14	L13 AND L5	4
<input type="checkbox"/>	L15	L14 AND L6	2

END OF SEARCH HISTORY

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 2 of 2 returned.**

- ☐ 1. [20040194161](#). 23 Feb 04. 30 Sep 04. Methods of transforming plants and identifying parental origin of a chromosome in those plants. Ranch, Jerome P., et al. 800/278; 800/320.1 A01H001/00 C12N015/82 A01H005/00.
- ☐ 2. [20030046724](#). 17 Jul 01. 06 Mar 03. Methods of transforming plants and identifying parental origin of a chromosome in those plants. Ranch, Jerome P., et al. 800/278; 435/6 C12Q001/68 A01H001/00.

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Terms	Documents
L14 AND L6	2

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10/048,185